FIG. 1

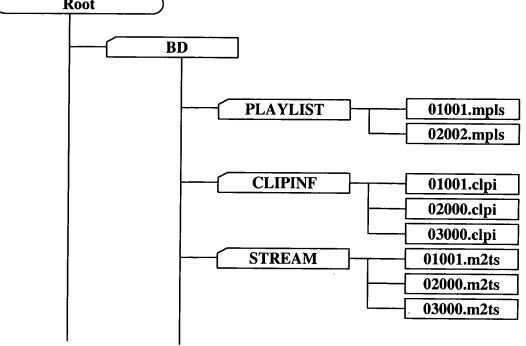
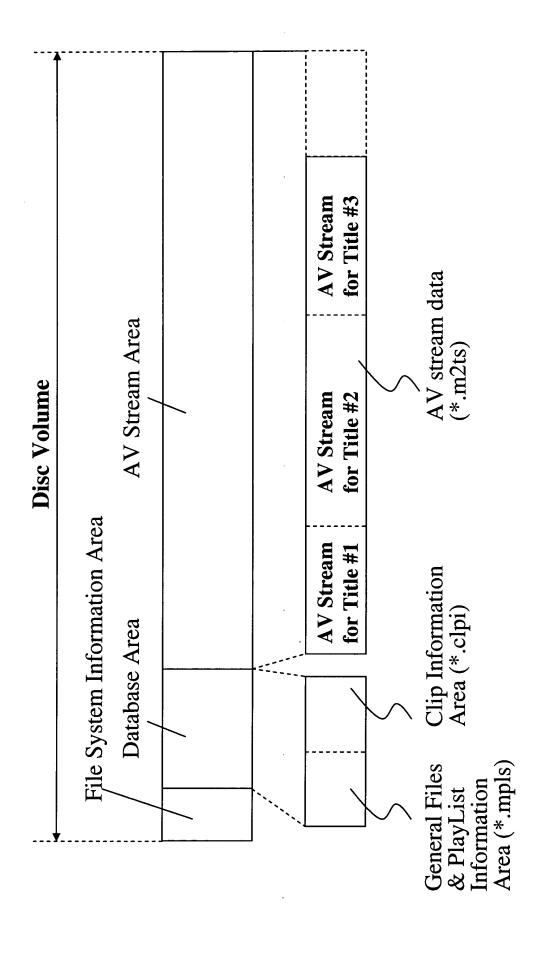


FIG. 2



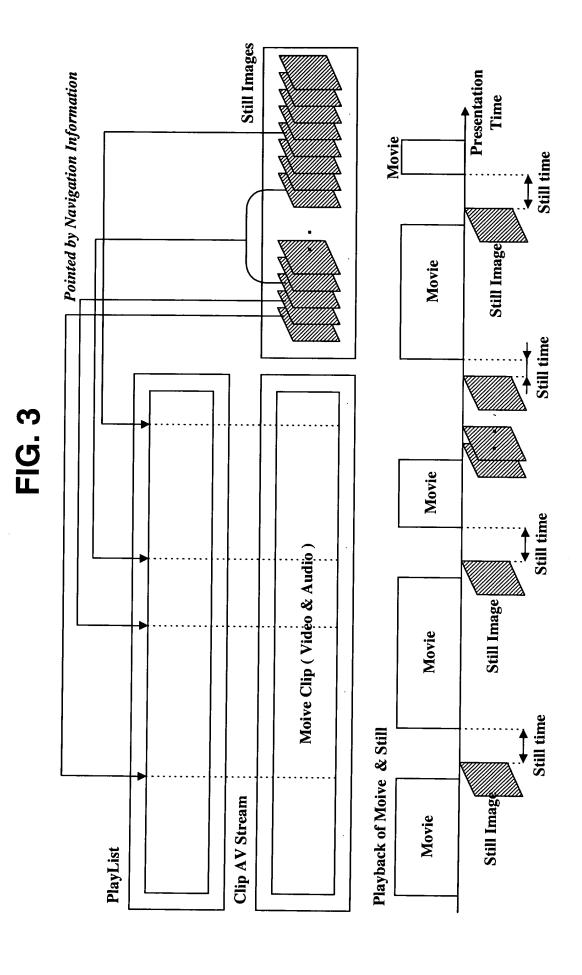
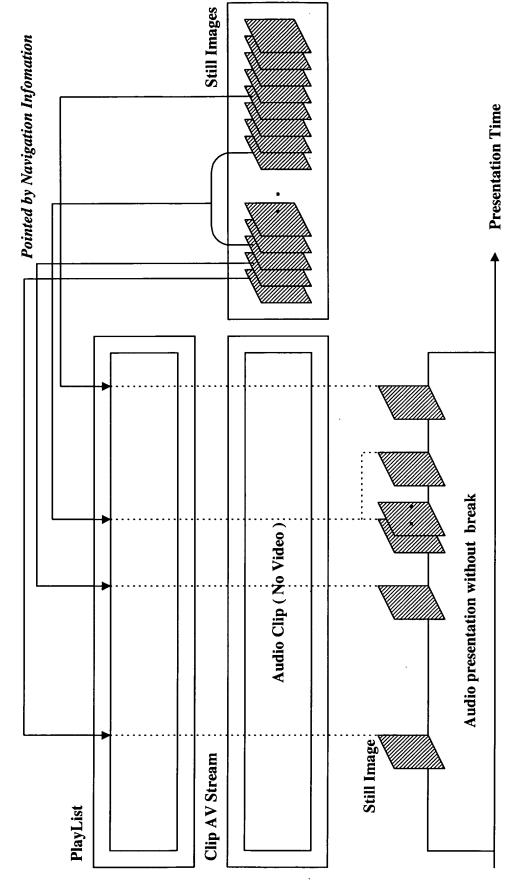


FIG. 4



Playback of Audio & Still

Still Images Pointed by Navigation Infomation Still mark #4 Still mark #3 Still mark #2 A/V or Audio only Still mark #1 Clip AV Stream **PlayList**

FIG. 5A

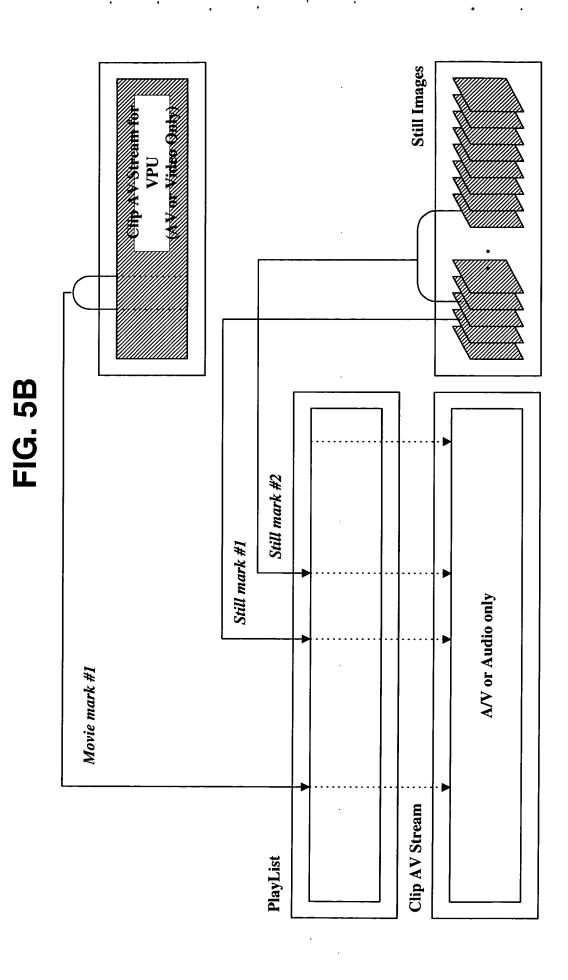


FIG. 6

Case 1

```
PlayListMark(){

length
number_of_PlayList_marks
for(i=0; j<number_of_PlayList_marks;j++){

....
mark_type
....
mark_time_stamp
....

ref_to_still_image_index
duration
makers_information
maker_name
}
}
```

Case 2

FIG. 7A

```
PlayListMark(){
     length
     number_of_PlayList_marks
     for(i=0; j<number_of_PlayList_marks;j++){
          mark_type
          mark_time_stamp
           ref_to_still_image_index
          duration
          makers_information
          maker_name
          if (mark\_type==0x10){}
               number_of_still_images
               display_timing_mode
               display_order_mode
               display_effect_mode
               display_effect_period
          }
```

FIG. 7B

Movie & Still Mark

```
PlayListMark(){
    length
    number_of_PlayList_marks
    for(i=0; j<number_of_PlayList_marks;j++){
        mark_type
        mark_time_stamp

        ref_to_still_image_index

        duration
        maker_information
        maker_name
        if (mark_type==0x10){
            number_of_still_images
            display_timing_mode
            display_order_mode
            display_effect_mode
            display_effect_mode
```

FIG. 7C

Movie Mark

```
PlayListMark(){
    length
    number_of_PlayList_marks
    for(i=0; j<number_of_PlayList_marks; j++){
         ----
         mark_type
         mark_time_stamp
         duration
         makers_information
         maker_name
         if (mark\_type == 0x11){
              VPU_Clip_file_name
              VPU_start_TM
              VPU_end_TM
              VPU_data_size
              VPU_info
         }
```

FIG. 8A

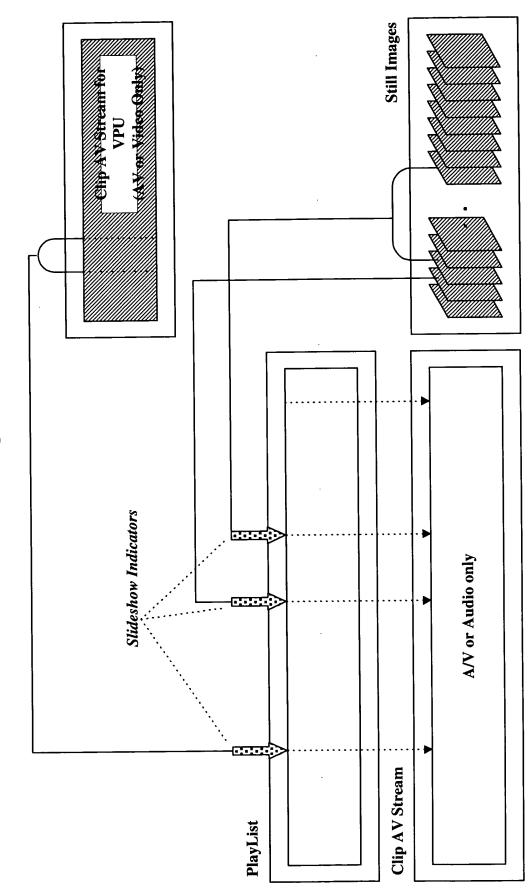


FIG. 8B

FIG. 9A

```
PlayList_File(){

version_number

PlayList()

PlayListMark()

MakersPrivateData()

PlayListStillIndicator()

}
```

```
PlayListStillIndicator()

length

number_of_PlayList_stills

for(still_id=0; still_id<number_of_PlayList_Still;still_id++){

----

still_time_stamp

ref_to_still_start_index

number_of_still_images

for(i=0; i<number_of_still_images; i++){

duration

display_timing_mode

display_order_mode

display_effect_mode

display_effect_period

}

}
```

```
PlayList_File(){
version_number
PlayList()
PlayListMark()
MakersPrivateData()
PlayListSlideshowIndicator()
}
```

FIG. 9B

```
► PlayListSlideshowIndicator()
    length
    number_of_slideshow_objects
    for(id=0; id<number_of_slideshow_objects;id++){</pre>
       time_stamp
       if(Still Image)
          ref_to_still_start_index
          number_of_still_images
          for(i=0; i<number_of_still_images;i++){</pre>
               duration
               display_timing_mode
               display_order_mode
               display_effect_mode
               display_effect_period
        else if(VPU) {
             VPU_duration
             VPU_Clip_file_name
             VPU_start_PTM
             VPU_end_PTM
             VPU_data_size
             VPU_info
       }
```

FIG. 10

FIG. 11A

```
PlayItem(){
     length
     Clip_Information_file_name
     Clip_codec_identifier
     if (CPI_type = 1)
          ref_to_STC_id
     IN_time
     Out_time
     if (<Still-Image>) {
           number_of_still_images
          for (i=0; i<number_of_still_images; i++){
                duration
                display_timing_mode
                display_order_mode
                display_effect_mode
                display_effect_period
     }
```

FIG. 11B

```
PlayItem(){

length

Clip_Information_file_name

Clip_codec_identifier

if (CPI_type = 1)

ref_to_STC_id

if (VPU) {

VPU duration

VPU_Clip_file_name

VPU_start_PTM

VPU_end_PTM

VPU_info

}

}
```

Still Images Pointed by Navigation Information PlayItem #2 SubPlayItem A/V or Audio only SubPlayItem PlayItem #1 #1 Clip AV Stream **PlayList**

FIG. 12A

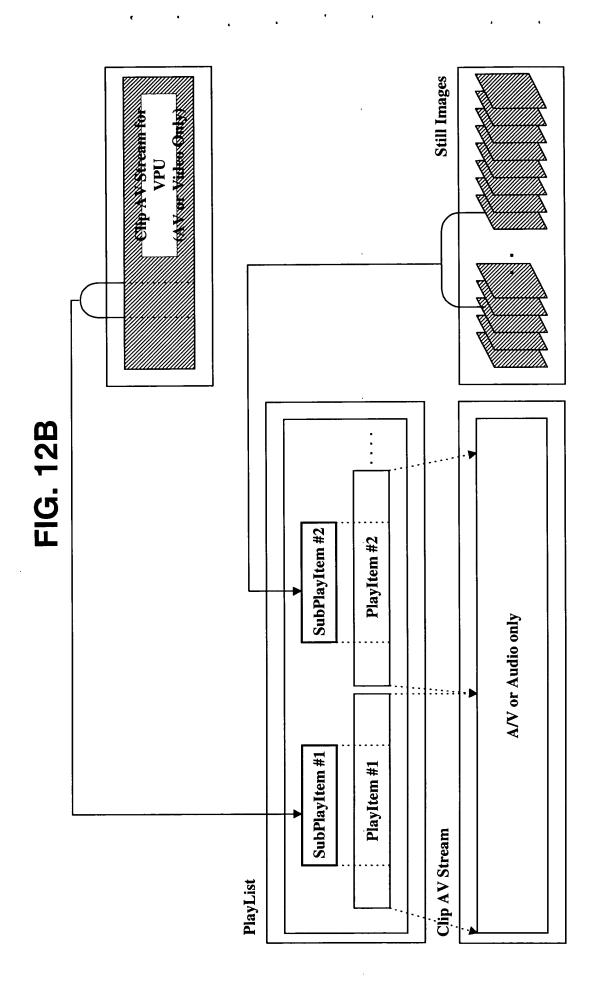


FIG. 13A

```
SubPlayItem(){
     length
     Clip_Information_file_name
     Clip_codec_identifier
     SubPlayItem_type
     ref_to_STC_id
     SubPlayItem\_IN\_time
     SubPlayItem_Out_time
     sync_PlayItem_id
     Sync\_start\_PTS\_of\_PlayItem
     if (<Still-Image>) {
           number_of_still_images
          for (i=0; i<number_of_still_images; i++){
                duration
                display_timing_mode
                display_order_mode
                display_effect_mode
                display_effect_period
           }
}
```

FIG. 13B

```
SubPlayItem(){
     length
     Clip_Information_file_name
     Clip_codec_identifier
     SubPlayItem_type
     ref_to_STC_id
     SubPlayItem_IN_time
     SubPlayItem_Out_time
     sync_PlayItem_id
     Sync_start_PTS_of_PlayItem
     if (<Still-Image>) {
          number_of_still_images
          for (i=0; j<number_of_still_images; j++){
                duration
                display_timing_mode
                display_order_mode
                display_effect_mode
                display_effect_period
     if (<VPU>) {
           VPU_data_size
           VPU_info
}
```

FIG. 14A

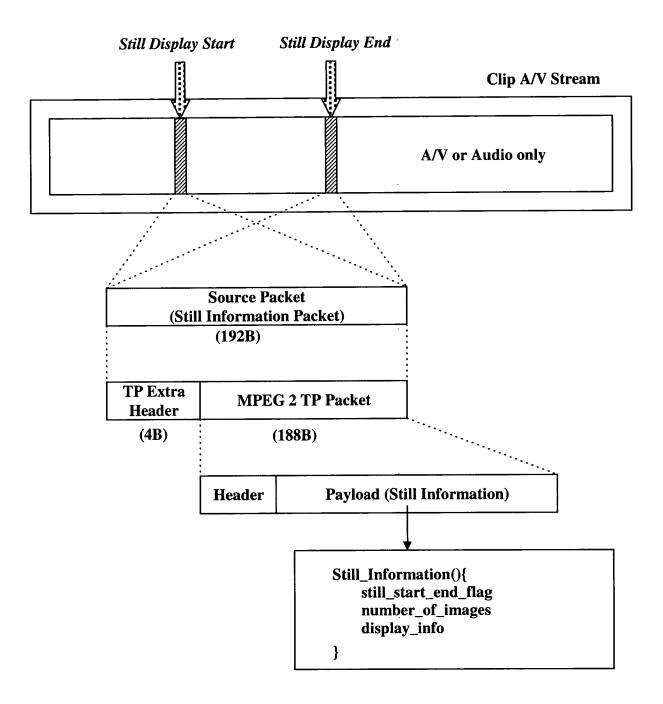


FIG. 14B

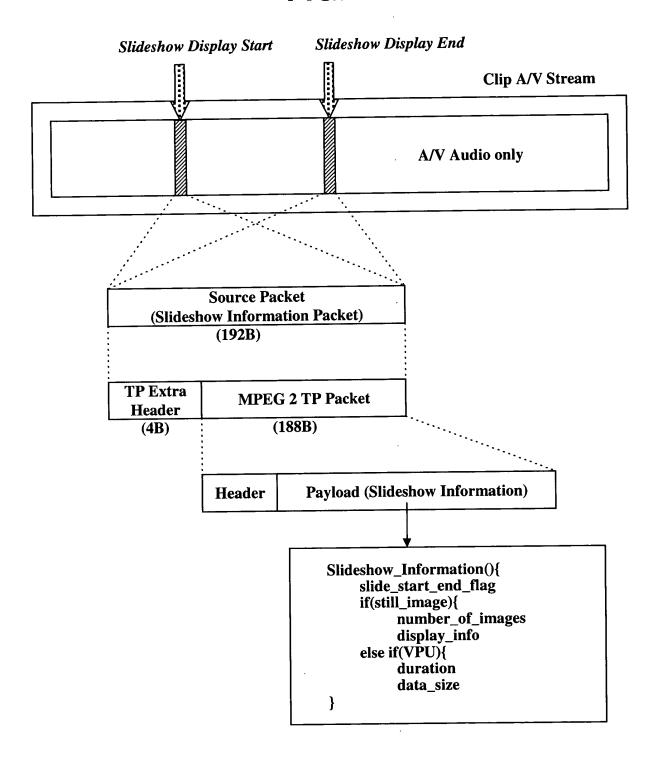
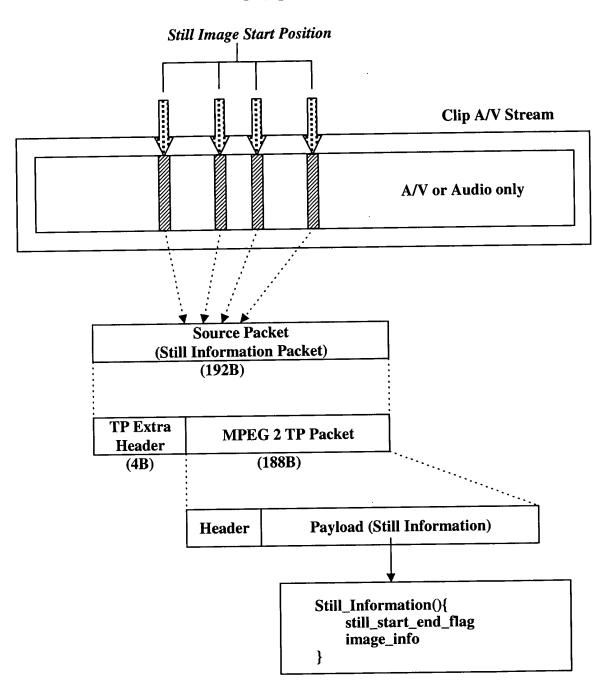


FIG. 15



Digital data input A/V data input A/V data output user interface AV Decoder Encoder Demultiplexer Multiplexer 2 9 Controller Depacketizer **Packetizer** Source Source Drive က

FIG. 16

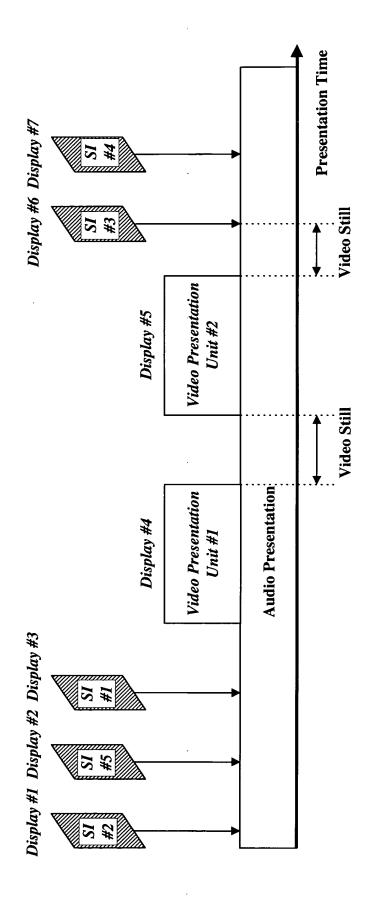
FIG. 17

Display #7

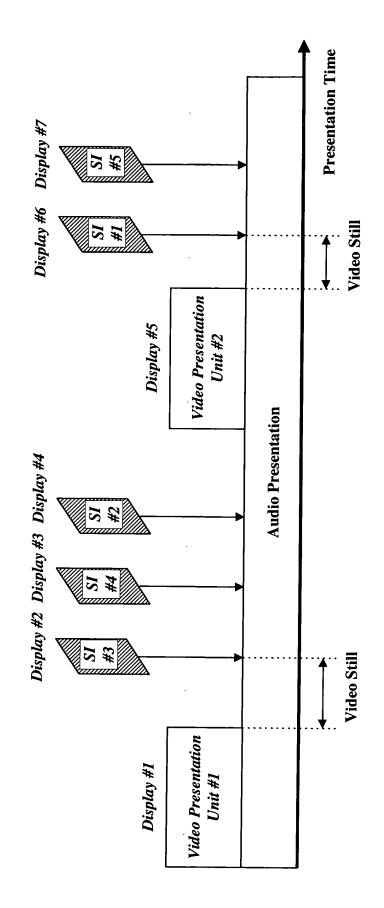
Display #6 Video Still 2 # Video Presentation Display #5 Unit #2 **Audio Presentation** Display #3 Display #4 *S #* Display #2 Z # Video Still (Sequential Display Mode) Sychronized Slideshow Video Presentation Display #1 Unit #1

Presentation Time

Sychronized Slideshow (Random/Shuffe Display Mode : A)



Sychronized Slideshow (Random/Shuffle Display Mode : B)



Browsable Slideshow (Sequential Display Mode)

